PATENT
Attorney's Docket No. 1032927-000071

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	
Morten Middelfart	Group Art Unit: 2176
Application No.: 10/802,509	Examiner: Nathan Hillery
Filed: March 17, 2004	Confirmation No.: 3977
For: HYPER RELATED OLAP	

DECLARATION OF MORTEN MIDDELFART PURSUANT TO 37 CFR § 1.131

I, the undersigned Morten Middelfart, declare:

(1) I am an employee of Targit A/S ("Targit"), and have held the position of Director of Research and Development since 1997. Targit sells business intelligence software known as "TARGIT BI Suite". I have been actively involved in the development of this software during my employment at Targit.

(2) U.S. Patent Application Serial No. 10/802,509 ("the '509 application"), filed March 17, 2004, is assigned to Targit. I am the sole inventor of the subject matter described and claimed in that application.

(3) The '509 application is directed to a feature of the TARGIT BI Suite that is identified as Hyper-Related OLAP. This feature enables the business intelligence tool to automatically create an analysis of any data, without the user having to manually create it. Prior to the development of this feature, it was necessary for the user to manually designate the data to be analyzed, and the manner in which is was to be presented, or reported. With Hyper-Related OLAP, the reporting and analysis environment are directly interlinked. By simply clicking on a graphic element in a report or a dashboard, an analysis of the data represented by that element is automatically generated and presented to the user in a desired format.

(4) The first implementation of Hyper-Related OLAP in the TARGIT BI Suite was released with version 2K5 of the Suite on January 27, 2005. Exhibit A is a release log dated January 27, 2005 that is available to TARGIT partners and customers, and shows the incorporation of Hyper-Related OLAP in the product.

(5) I am informed that the US Patent and Trademark Office has cited a Web document from 2002, describing the TARGIT Analysis Suite, as being of possible relevance to the '509 application. A copy of that document is attached as Exhibit B. That document describes features of version 2K2 of the business intelligence software. The functionality of Hyper-Related OLAP did not exist in this earlier version.

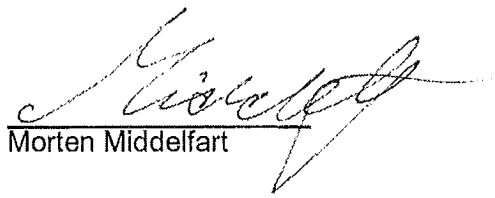
(6) Exhibit B describes "TARGIT Analysis" and "TARGIT Analysis Report" as two separate products. These products were not integrated, and therefore did not provide the interlinking that underlies Hyper-Related OLAP. In the document, "TARGIT Analysis Report" is described as an intuitive reporting tool that allows users to build reports. "TARGIT Analysis" is described as a separate product that allows users to intuitively create analysis. In other words, two non-integrated, separate products are described.

(7) Attached as Exhibit C are the slides from the 2K5 launch, where slide 12 explicitly shows Hyper-Related OLAP as something new. The screenshot of TARGIT 2K2 on slide 4 is equivalent to that shown on page 4 of Exhibit B. Note that the look and feel (icons) are changed from version 2K3 (slide 7) and forward. The distinct difference in appearance establishes that the version described is older than version 2K5, and thus did not include Hyper-Related OLAP.

(8) Analytical overview with multiple objects has been with Targit since its start in 1996. However, the fact that multiple objects can be displayed, as shown in 2 and 4 of Exhibit C, is **not** a hyper-relation. In summary, the features of Hyper-

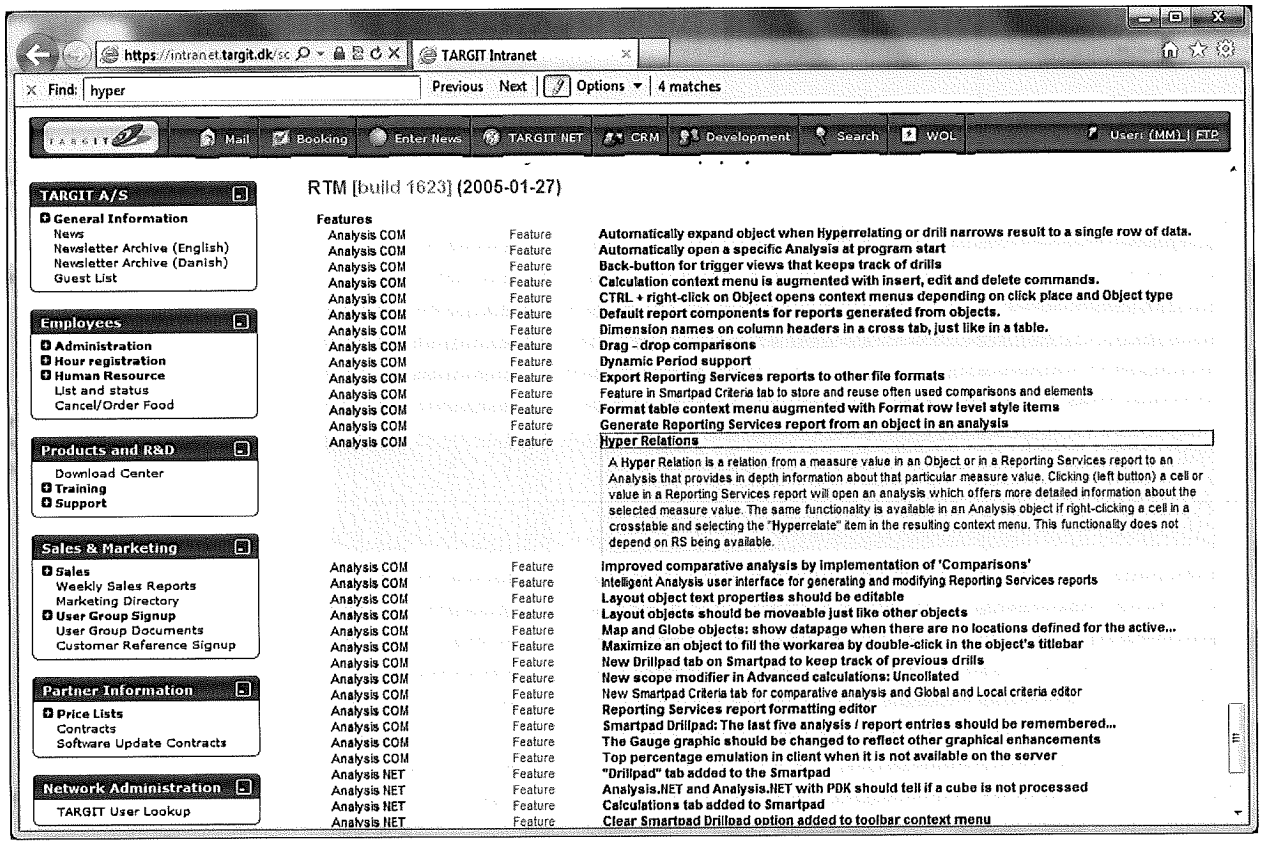
Related OLAP were not publicly available until the release of version 2K5 in January of 2005.

I hereby declare that all statements made herein of my own knowledge are true, and all statements made on information and belief are believed to be true. Further, I am aware that any willful false statements and the like are punishable by fine, imprisonment, or both (18 U.S.C. § 1001), and that such willful false statements may jeopardize the validity of the '509 application, and any patents based thereon.

Date: 6/23/2011 By: 

Morten Middelfart

EXHIBIT A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TARGIT Intranet
Find: hyper
Previous
Next
Options
4 matches
Mail
Booking
Enter News
TARGIT NET
CRM
Development
Search
WOL
User: (MM) | FTP
TARGIT A/S
General Information
News
Newsletter Archive (English)
Newsletter Archive (Danish)
Guest List
Employees
Administration
Hour registration
Human Resource
List and status
Cancel/Order Food
Products and R&D
Download Center
Training
Support
Sales & Marketing
Sales
Weekly Sales Reports
Marketing Directory
User Group Signup
User Group Documents
Customer Reference Signup
Partner Information
Price Lists
Contracts
Software Update Contracts
Network Administration
TARGIT User Lookup
RTM [build 1623] (2005-01-27)
Features
Analysis COM Feature Automatically expand object when Hyperrelating or drill narrows result to a single row of data.
Analysis COM Feature Automatically open a specific Analysis at program start
Analysis COM Feature Back-button for trigger views that keeps track of drills
Analysis COM Feature Calculation context menu is augmented with insert, edit and delete commands.
Analysis COM Feature CTRL + right-click on Object opens context menus depending on click place and Object type
Analysis COM Feature Default report components for reports generated from objects.
Analysis COM Feature Dimension names on column headers in a cross tab, just like in a table.
Analysis COM Feature Drag - drop comparisons
Analysis COM Feature Dynamic Period support
Analysis COM Feature Export Reporting Services reports to other file formats
Analysis COM Feature Feature in Smartpad Criteria tab to store and reuse often used comparisons and elements
Analysis COM Feature Format table context menu augmented with Format row level style items
Analysis COM Feature Generate Reporting Services report from an object in an analysis
Analysis COM Feature Hyper Relations
A Hyper Relation is a relation from a measure value in an Object or in a Reporting Services report to an Analysis that provides in depth information about that particular measure value. Clicking (left button) a cell or value in a Reporting Services report will open an analysis which offers more detailed information about the selected measure value. The same functionality is available in an Analysis object if right-clicking a cell in a crosstable and selecting the "Hyperrelate" item in the resulting context menu. This functionality does not depend on RS being available.
Analysis COM Feature Improved comparative analysis by implementation of 'Comparisons'
Analysis COM Feature Intelligent Analysis user interface for generating and modifying Reporting Services reports
Analysis COM Feature Layout object text properties should be editable
Analysis COM Feature Layout objects should be moveable just like other objects
Analysis COM Feature Map and Globe objects: show datapage when there are no locations defined for the active...
Analysis COM Feature Maximize an object to fill the workarea by double-click in the object's titlebar
Analysis COM Feature New Drillpad tab on Smartpad to keep track of previous drills
Analysis COM Feature New scope modifier in Advanced calculations: Uncollated
Analysis COM Feature New Smartpad Criteria tab for comparative analysis and Global and Local criteria editor
Analysis COM Feature Reporting Services report formatting editor
Analysis COM Feature Smartpad Drillpad: The last five analysis / report entries should be remembered...
Analysis COM Feature The Gauge graphic should be changed to reflect other graphical enhancements
Analysis COM Feature Top percentage emulation in client when it is not available on the server
Analysis NET Feature "Drillpad" tab added to the Smartpad
Analysis NET Feature Analysis.NET and Analysis.NET with PDK should tell if a cube is not processed
Analysis NET Feature Calculations tab added to Smartpad
Analysis NET Feature Clear Smartpad Drillpad option added to toolbar context menu

EXHIBIT B

Web Document
"TARGIT - Products & Services - TARGIT Analysis Suite
2002

TARGIT
"The potential is in everyone"

TARGIT Analysis Suite

- Suite Overview
- Key Benefits
- Products in the Suite
- Getting started
- Implementation
- Brochures & White Papers

Certified For Windows

Read Microsofts Statement on TARGIT

Products in the Suite

TARGIT Analysis Suite is the complete technology solution that meets all your analysis and reporting needs.

TARGIT Analysis Suite:

- TARGIT Analysis:
  Windows 2000 Certified, TARGIT Analysis is TARGIT's premier software, known around the world for its genuine user-friendliness, fast implementation and full functionality.

- TARGIT Analysis Web:
  TARGIT's zero maintenance, zero client web deployment gives not only fast and easy access to all existing reports but also allows for the creation of new reports, which can be saved for future use.

- TARGIT Analysis Report:
  TARGIT's flexible and intuitive reporting tool, which meets all needs for high quality reports. Users at all levels can quickly and easily build customized reports that can be exported to .PDF .HTML and rich-text formats.

TARGIT Analysis (Version 2K2):

TARGIT Analysis is a front-end Analysis tool that makes it easy for users at all levels to access standard reports as well as create advanced customized reports from information stored in the company's data warehouse. TARGIT Analysis gives users a visual overview of critical business information. Graphs, maps, and a variety of charts and objects are easy to set up due to the user-friendly design of TARGIT's interface. These reports among other things, can help users to quickly and easily identify problems or weak areas to focus on and design the most profitable business strategies. TARGIT Analysis helps each and every user in a practical way on a daily basis.

Features:

- TARGIT's graphical interface was designed for business decision-makers and knowledge workers, not database experts making the system usable by all
- Easy navigation and manipulation of views and reports
- Advanced customization features and functionality allow end-users to quickly and easily personalize their analysis views and reports
- Unlimited number of objects can be displayed on the same view

Quick Links

- Buy Now!
- Free CD with 30 day trial demo
- Download 30 day trial demo
- Online demo
- Online presentation videos
- More information
- What is Business Intelligence ?

Microsoft GOLD CERTIFIED Partner

Read Microsoft's Statement on TARGIT

- Objects can show multiple measures and dimensions simultaneously
- Includes one-click data-mining feature
- Language independent - users can see the entire program and reports in their native language, no matter what language the reports were created in originally
- System is scalable and flexible
- Microsoft Windows 2000 Certified
- Database independent
- Supports relational and multidimensional databases
- Fast to implement and customize to individual needs

More information on TARGIT Analysis:

- Example: TARGIT Analysis on ERP
- Example: TARGIT Analysis on SAP
- Example: Data Mining with TARGIT Analysis
- Screen shot examples
- Online tutorials / presentation videos
- System architecture
- System requirements
- White paper

TARGIT Analysis Web (Version 2K2):

With TARGIT Analysis Web, critical business data can be accessible to everyone in your company quickly and easily. TARGIT's powerful web deployment also enables users to create analysis on the fly - no matter where they are located. As long as the user has an Internet connection, he/she is able to maintain an overview of up-to-date information and stay in control. TARGIT Analysis Web is especially valuable within international corporations where employees are spread out in multiple locations. TARGIT Analysis Web is also used widely in companies that share information via the Internet.

Features:

- Fast and easy access to up-to-date business data via all current browsers
- Create new analysis on the fly and save the views in the browser
- Sophisticated and robust web architecture
- Easy integration with Intranets and Portals
- Zero-footprint and zero-client technology
- 100% HTML - no scripting, applets or ActiveX downloads required - meaning faster access to views
- Maintains industry standards in security and control

Security:

An important feature in TARGIT Analysis Web is the opportunity to control access to information with advanced security functionality. It is possible, for example, for a business partner or customer to have access to a limited range of information relating only to them.

There are two primary ways to limit a users access to data. Groups of users can be created, where each individual within the group has access to a limited range of data. This means, for example, an identified group of users could be given access only to information relating to a specific product series. Another option is that limitations can be put, for example, on a supplier, resulting in that he/she can only access the sales figures for their specific products, not allowing him/her to see competitive product information. This advanced security system makes TARGIT Analysis Web a perfect tool to make information accessible to the whole supply chain.

More information on TARGIT Analysis Web:

- Screen shot examples
- Related case story
- Online web demo
- System architecture
- System requirements
- White paper

TARGIT Analysis Report (Version 2K2):

You sit down at your PC on Monday morning and open your e-mail system. Here you find a report waiting for you that shows the sales figures from last week. The report was created automatically and sent to you on time by your own system. This situation can be a reality for you, with the help of TARGIT Analysis Report.

In many situations it is necessary to print out important information from a data warehouse system in a standard paper report. TARGIT Analysis Report brings intelligent reporting to a new level. Using the same look and feel of TARGIT Analysis, TARGIT Analysis Report has the unique combination of a genuine user-friendly interface together with a long list of advanced, yet easy-to- use features that you can find in all TARGIT products. The sophisticated and complicated technology is simply hidden behind the scenes so all users can access and use the system without extensive training.

Features:

- Quick and easy creation of high quality printed tabular and free format reports
- Meets all reporting needs - for example, consolidation reports, monthly reports, etc.
- Users at all levels can easily create reports without technical assistance
- "Intelligent reporting" feature allows users to create reports with just a few clicks of the mouse
- Fast and easy importing of views from TARGIT Analysis
- Flexible and intuitive layout opportunities
- Reports can be scheduled to be created automatically and sent easily and dynamically
- Reports can be seen in preview format before printing
- Fast and easy export to PDF, HTML and rich text formats

TARGIT Analysis Suite

- Suite Overview
- Key Benefits
- Products in the Suite
- Getting started
- Implementation
- Brochures & White Papers

Certified For Windows

Read Microsoft's Statement on TARGIT

Suite Overview

TARGIT solutions enable all employees, regardless of skill level or background, to have access to state-of-the-art analysis and reporting tools.

All products in the TARGIT Analysis Suite are designed so that business users will feel comfortable using these tools - especially the first time. This first impression of unique user-friendliness is key to the long-term success, and therefore return on investment, of analysis and reporting solutions.

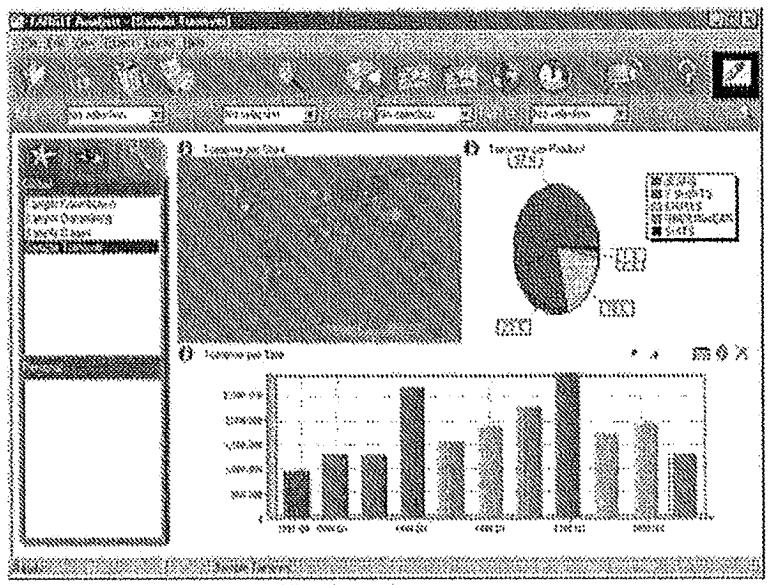
With TARGIT software, employees throughout the organization can use the system without requiring they read a user-manual or have special software training first.

See below for screenshots of the products in the TARGIT Analysis Suite.

TARGIT Analysis

Windows 2000 Certified, TARGIT Analysis is TARGIT's premier analysis tool, popular around the world for its genuine user-friendliness and full functionality.

Click here for features and more information.



(Click for enlargement)

TARGIT Analysis Report

A flexible and intuitive reporting tool which meets all needs for high quality reports. Users at all levels can quickly and easily build customized reports.

Click here for features and more information.

Quick Links

- Buy Now!
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- Download 30 day trial demo
- Online demo
- Online presentation videos
- More information
- What is Business Intelligence ?

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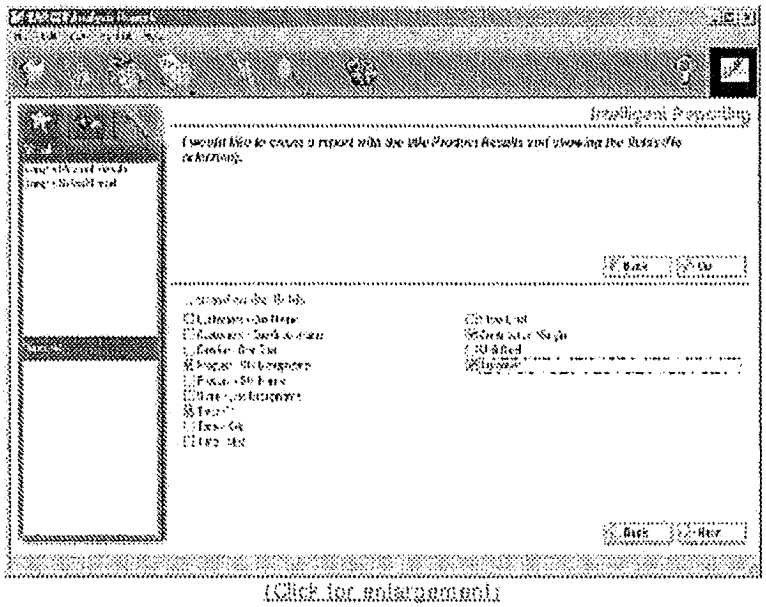

(Click for enlargement)

TARGIT Analysis Web

TARGIT's zero maintenance zero client web deployment gives not only fast and easy access to all existing reports, but also allows for the creation of new reports which can be saved for future use.

Click here for features and more information.

TARGIT Screenshot

(Click for enlargement)

Internet Archive Wayback Machine

Enter Web Address: http:// All Take Me Back Adv. Search Compare Archive Pages

Searched for http://tarait.com/ **12** Results

* denotes when site was updated.
Material typically becomes available here 6 months or more after collection, with some exceptions See FAQ.

Archived Results from Jan 01, 1996 - latest

1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
0 pages	0 pages	0 pages	0 pages	0 pages	4 pages	2 pages	2 pages	2 pages	1 pages	1 pages	0 pages	0 pages	0 pages	0 pages	0 pages

Feb 04, 2001 * Apr 02, 2001 * Apr 05, 2001 * Jul 20, 2001 *

Jan 23, 2002 * Sep 23, 2002 *

Feb 10, 2003 * Jun 01, 2003 *

May 19, 2004 * Nov 30, 2004 *

Feb 14, 2005 *

Feb 03, 2006 *

Home | Help

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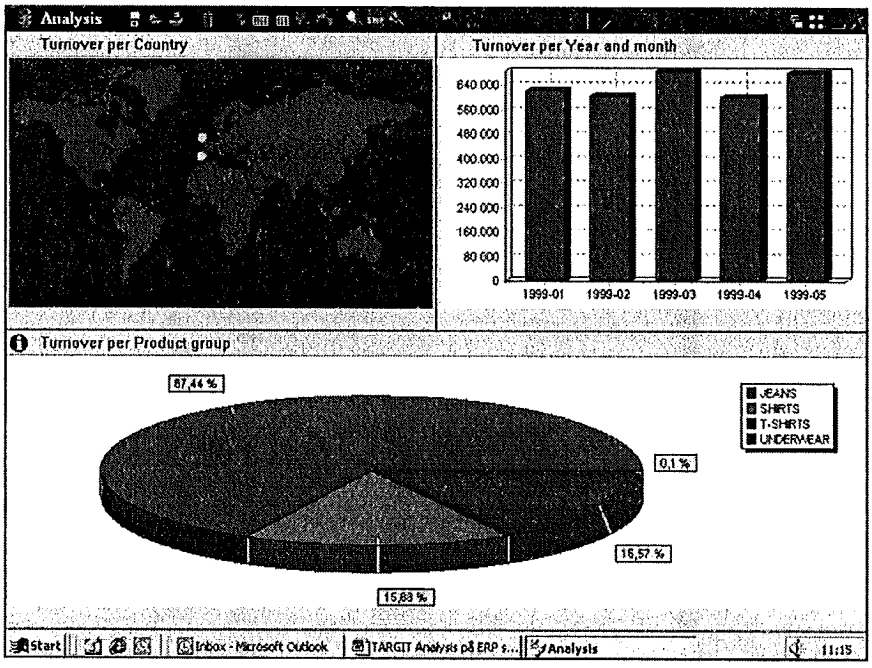
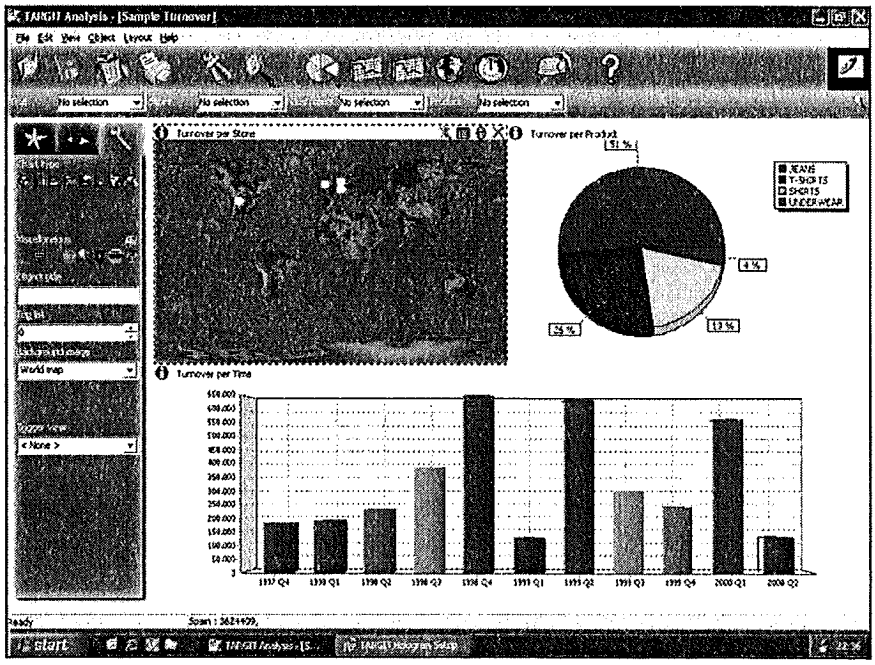
EXHIBIT C

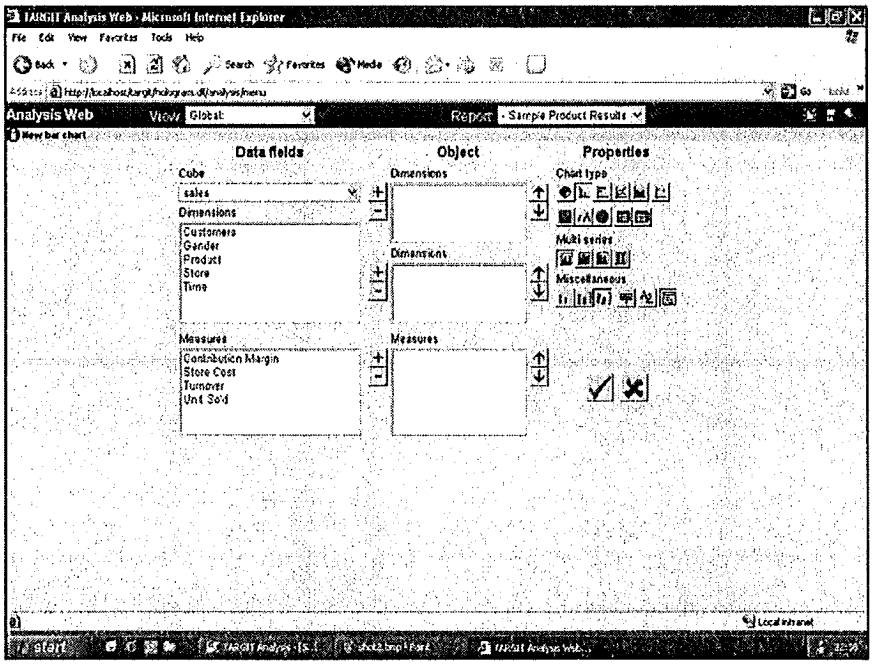
Slide Presentation for Launch of Version 2K5
TARGIT Business Intelligence Suite

1999

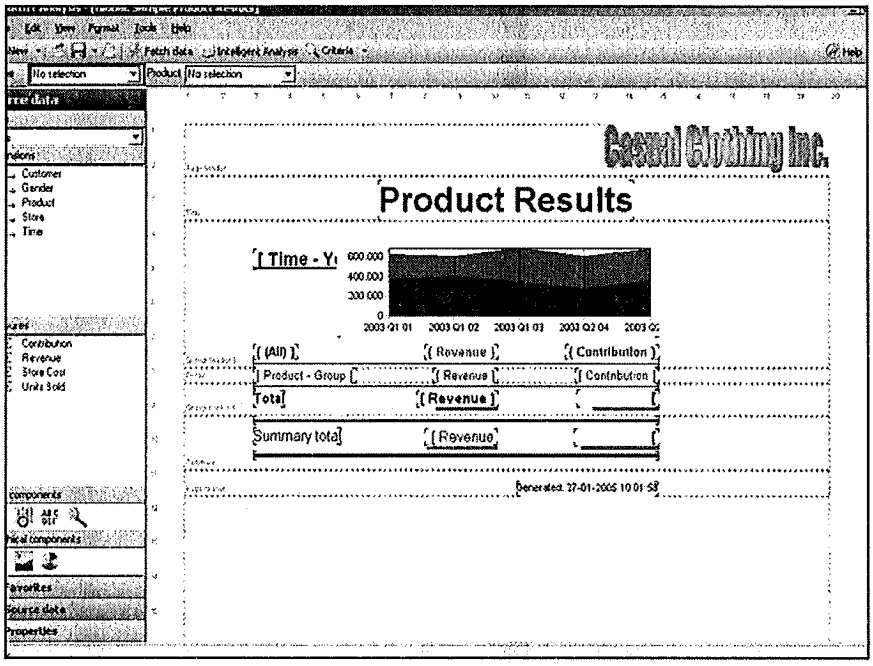

Analysis
Turnover per Country
Turnover per Year and month
640 000
560 000
480 000
400 000
320 000
240 000
160 000
80 000
0
1999-01
1999-02
1999-03
1999-04
1999-05
Turnover per Product group
87,44 %
0,1 %
16,57 %
15,83 %
JEANS
SHIRTS
T-SHIRTS
UNDERWEAR
Start
Inbox - Microsoft Outlook
TARGIT Analysis på ERP s...
Analysis
11:15

2001


Turnover per Store
Turnover per Product
Turnover per Time
JEANS
T-SHIRTS
SKIRTS
UNDERWEAR
51 %
4 %
13 %
34 %


TARGIT Analysis Web - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Analysis Web
View Global
Report Sample Product Results
New bar chart
Data fields
Object
Properties
Cube
sales
Dimensions
Customers
Gender
Product
Store
Time
Measures
Contribution Margin
Store Cost
Turnover
Unit Sold
Dimensions
Dimensions
Measures
Chart type
Multi series
Miscellaneous
Local intranet
start

2003


Edit View Format Tools Help
New Fetch data Intelligent Analyse Criteria Help
No selection
Product No selection
Customer
Gender
Product
Store
Time
Contribution
Revenue
Store Cost
Units Sold
components
Visual components
favorites
Source data
properties
General Clothing Inc.
Product Results
[Time - Y
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400.000
200.000
0
2003 Q1 01
2003 Q1 02
2003 Q1 03
2003 Q2 04
[(All)]
[Revenue]
[Contribution]
[Product - Group]
[Revenue]
[Contribution]
[Total]
[Revenue]
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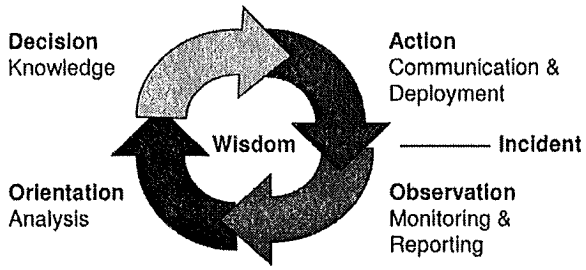
2005

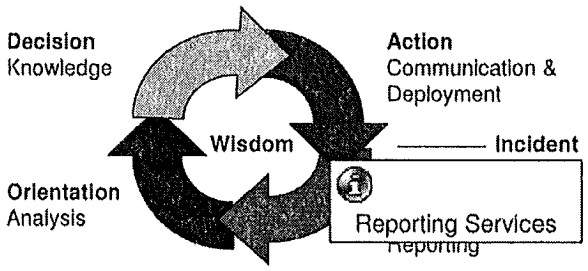
CALM [käm]

Computer Aided Leadership and Management

"Den CALM'iske Cirkel"



"Den CALM'iske Cirkel"



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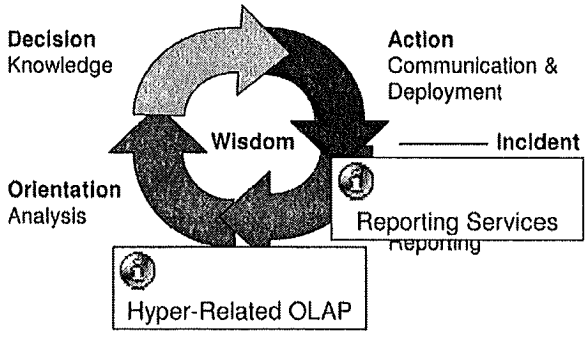
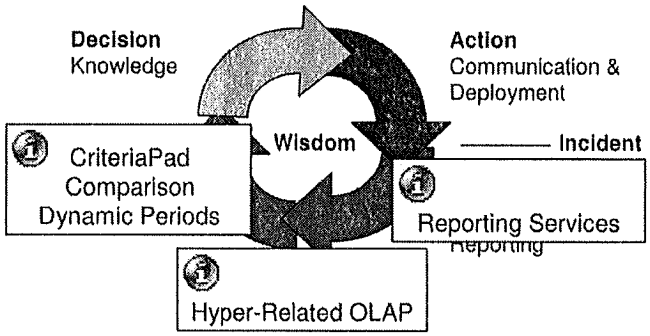
"Den CALM'iske Cirkel"



12

"Den CALM'iske Cirkel"



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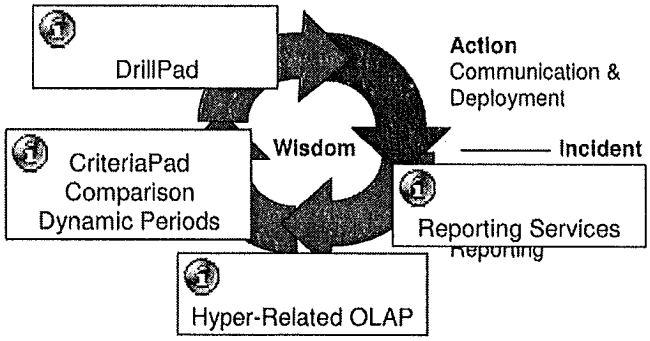

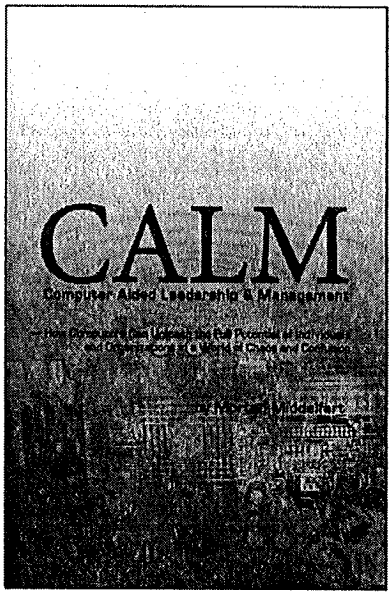

TARGIT Analysis 2K5 is Power to your people !!!